

# Safety Data Sheet

## IL-6 ELISA

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### Section 1: Identification of substance and company information

#### Product identifier

Product name: IL-6 ELISA  
Component: Biotinylated detection antibody (3310-08-15)  
Substance/Mixture: Sodium azide

#### Relevant identified uses and uses advised against

Recommended use: Laboratory chemical for research use only  
Uses advised against: No information available

#### Supplier

MAT Research  
info@MATresearch.com  
Telephone: +31 61 466 2496

#### Emergency telephone number

Contact your local emergency number

### Section 2:

Hazard Identification

#### Classification of mixture

According to Regulation (EC) No 1272/2008 (CLP)

Not hazardous at this concentration.

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Hazard pictogram

N/A

Signal word

N/A

Precautionary statements

N/A

**Section 3:**

Composition/ Information on ingredients

Substance/Mixture : Sodium Azide

Hazardous components

Substance	CAS-No	EC No.	Conc.	Classification according to Regulation (EC) No 1272/2008 [CLP]
Sodium azide	26628-22-8	247-852-1	0.02%	Not hazardous at this concentration

**Section 4:** \_\_\_\_\_ First Aid Measures

**Description of first aid measure:**

If inhaled: Move into fresh air. Seek medical attention for any breathing difficulty

In case of skin contact: Wash with water and soap. Seek medical attention if irritation persists

In case of eye contact: Rinse opened eye for several minutes under running water and seek medical attention

If swallowed: Rinse mouth with water. Seek medical attention

**Most important information symptoms and effects**

No information available

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**Section 5:** \_\_\_\_\_ Firefighting Measures

General information

Not flammable or combustible.

Extinguishing media

No known restrictions; use any means suitable for nearby fire.

Special hazards arising from the substance or mixture

None in particular.

**Section 6:** \_\_\_\_\_ Accidental release measures

Personal precautions, protective: Use personal protective equipment equipment and emergency processes

Environmental precautions: None in particular

Methods and material for: Use paper towels to absorb the liquid  
cleaning and containment

**Section 7:** \_\_\_\_\_ Handling and Storage

Handle and storage according to instructions on product information sheet and label

**Section 8:** \_\_\_\_\_ Exposure Controls/ Personal Protection

Control parameters:  
None in particular.

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Personal protective equipment	
Hand protection	:Recommended
Eye protection	:Recommended
Skin and body protection	:Recommended
Respiratory protection	:No specific requirements
Thermal hazards	:No specific requirements

**Section 9:** \_\_\_\_\_ Physical and Chemical Properties

Information on basic physical and chemical properties

a) Physical state at room temperature	Liquid
b) Appearance	Clear
c) Odour	Minimal odour
d) pH	Not determined
e) Melting/freezing point	Not determined
f) Boiling point/range	Not determined
g) Flash point	Not determined
h) Evaporation rate	Not determined
i) Flammability (solid, gas)	Not determined
j) Flammability in air	Not determined
a) Upper flammability limit	Not determined
b) Lower flammability limit	Not determined
k) Vapour pressure	Not determined
l) Vapour density	Not determined
m) Relative density	Not determined
n) Water solubility	Soluble
o) Solubility in other solvents	Not determined
p) Auto-ignition temperature	Not self-igniting
q) Decomposition temperature	Not determined
r) Viscosity, kinematic	Not determined
s) Explosive properties	Not determined

**Section 10:** \_\_\_\_\_ Stability and Reactivity  
Chemical stability  
Stable under recommended use and storage conditions.

Possibility of hazardous reactions

The sodium azide concentration (0.02%) provided in this product, although not classified as hazardous, can lead to concentration build-ups in drains that may react with lead and copper plumbing to form explosion.

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Conditions to avoid: Elevated temperature.

Incompatible materials: Heavy metals like copper and lead.

Hazardous decomposition products: Not determined.

**Section 11:** Toxicological Information

Toxicity Data :No toxic effects  
Skin corrosion/irritation :No effects  
Eye damage/irritation :No effects  
Sensitization to the respiratory tract/skin :No effects  
Chronic Exposure–Mutagen :Data not available  
Chronic Exposure–Reproductive Hazard :Data not available

**Section 12:** Ecological Information

No ecological information available

**Section 13:** Disposal Considerations

Get informed about all federal, state, and local regulations

**Section 14:** Transport Information

Transport hazard classes

- a) ADR: This product does not require a classification for transport.
- b) IATA: This product does not require a classification for transport.
- c) DOT: This product does not require a classification for transport.

**Section 15:** Regulatory Information

No information available

**Section 16:** Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge.

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## IL-6 ELISA

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**Section 1:** Identification of substance and company information

Product identifier

Product name : IL6 ELISA  
Component: Streptavidin-HRP (3310-09-15)  
Wash buffer concentrate (20x) (3310-06-120)  
ELISA diluent/Assay buffer (3310-07-120)  
SA-HRP diluents (3310-10-15)  
Substance/Mixture : Kathon CG

Relevant identified uses and uses advised against

Recommended use: Laboratory chemical for research use only  
Uses advised against: No information available

Supplier

MAT Research  
info@MATresearch.com  
Telephone: +31 61 466 2496

Emergency telephone number

Contact your local emergency number

**Section 2:** Hazard Identification

Classification of mixture

According to Regulation (EC) No 1272/2008 (CLP)

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Not hazardous at this concentration.

Hazard pictogram

N/A

Signal word

N/A

Precautionary statements

N/A

**Section 3:**

Composition/ Information on ingredients

Substance/Mixture:

Kathon CG contains a mixture of

5-chloro-2-methyl-4-isothiazolin-3-one and  
2-Methyl-4-isothiazolin-3-one.

Hazardous components

Substance	CAS-No	EC No.	Conc.	Classification according to Regulation (EC) No 1272/2008 [CLP]
5-chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	247-500-7	<0.002 %	Not hazardous at this concentration
2-Methyl-4-isothiazolin-3-one	2682-20-4	22-239-6	<0.002 %	

**Section 4:** \_\_\_\_\_ First Aid Measures

Description of first aid measure:

If inhaled:

Move into fresh air. Seek medical attention for any breathing difficulty

In case of skin contact:  
if irritation persists

Wash with water and soap. Seek medical attention

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In case of eye contact: Rinse cautiously with water for several minutes.  
Remove contact lenses if present and easy to do so.  
Seek medical attention if irritation persists.

If swallowed: Do not induce vomiting. Rinse mouth with water.  
Seek medical attention

Most important information symptoms and effects

No information available

**Section 5:** \_\_\_\_\_ Firefighting Measures

General information

Not flammable or combustible.

Extinguishing media

No known restrictions; use any means suitable for nearby fire.

Special hazards arising from the substance or mixture

None in particular.

**Section 6:** \_\_\_\_\_ Accidental release measures

Personal precautions, protective: Use personal protective equipment  
equipment and emergency  
processes

Environmental precautions: None in particular

Methods and material for: Use paper towels to absorb the liquid  
cleaning and containment

**Section 7:** \_\_\_\_\_ Handling and Storage

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Handle and storage according to instructions on product information sheet and label

**Section 8:** \_\_\_\_\_ Exposure Controls/ Personal Protection  
Control parameters:  
None in particular.

Personal protective equipment

Hand protection:	Recommended
Eye protection:	Recommended
Skin and body protection:	Recommended
Respiratory protection:	No specific requirements
Thermal hazards:	No specific requirements

**Section 9:** \_\_\_\_\_ Physical and Chemical Properties

Information on basic physical and chemical properties

a) Physical state at room temperature	Liquid
b) Appearance	Clear
c) Odour	Minimal odour
d) pH	Not determined
e) Melting/freezing point	Not determined
f) Boiling point/range	Not determined
g) Flash point	Not determined
h) Evaporation rate	Not determined
i) Flammability (solid, gas)	Not determined
j) Flammability in air	Not determined
a) Upper flammability limit	Not determined
b) Lower flammability limit	Not determined
k) Vapour pressure	Not determined
l) Vapour density	Not determined
m) Relative density	Not determined
n) Water solubility	Soluble
o) Solubility in other solvents	Not determined
p) Auto-ignition temperature	Not self-igniting
q) Decomposition temperature	Not determined
r) Viscosity, kinematic	Not determined
s) Explosive properties	Not determined

**Section 10:** \_\_\_\_\_ Stability and Reactivity

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Chemical stability

Stable under recommended use and storage conditions.

Possibility of hazardous reactions

No known hazardous reactions

Conditions to avoid

Elevated temperature.

Incompatible materials

Oxidizing and reducing agents, amines and mercaptans

Hazardous decomposition products

Not determined.

**Section 11:** \_\_\_\_\_ Toxicological Information

Toxicity Data:	Not determined
Skin corrosion/irritation:	Not determined
Eye damage/irritation:	Not determined
Sensitization to the respiratory tract/skin:	Not determined
Carcinogenicity:	Data not available
Reproductive toxicity:	Data not available

**Section 12:** \_\_\_\_\_ Ecological Information  
No ecological information available

**Section 13:** \_\_\_\_\_ Disposal Considerations  
Get informed about all federal, state, and local regulations

**Section 14:** \_\_\_\_\_ Transport Information

Transport hazard classes

- a) ADR: This product does not require a classification for transport.
- b) IATA: This product does not require a classification for transport.
- c) DOT: This product does not require a classification for transport.

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**Section 15:** \_\_\_\_\_ Regulatory Information  
No information available

**Section 16:** \_\_\_\_\_ Other Information  
The information provided in this Safety Data Sheet  
is correct to the best of our knowledge.

## IL-6 ELISA

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### Section 1:

Identification of substance and company information

### Product identifier

Product name: IL6 ELISA  
Component: TMB Substrate (3310-TMB)  
Substance/Mixture: 3,3',5,5' Tetramethylbenzidine  
Hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>)

### Relevant identified uses and uses advised against

Recommended use: Laboratory chemical for research use only  
Uses advised against: No information available

### Supplier

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Emergency telephone number Contact your local emergency number

### Section 2:

Hazard Identification

### Classification of mixture

According to Regulation (EC) No 1272/2008 (CLP)  
Not hazardous at this concentration.

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**Hazard pictogram**

N/A

**Signal word**

N/A

**Precautionary statements**

N/A

**Section 3:**

Composition/ Information on ingredients

Substance/Mixture:

Kathon CG contains a mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-4-isothiazolin-3-one.

Hazardous components

Substance	CAS-No	EC No.	Conc.	Classification according to Regulation (EC) No 1272/2008 [CLP]
3,3',5,5' Tetramethylbenzidine	54827-17-7	259-364-6	<1 %	Not hazardous at this concentration
Hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> )	7722-84-1	231-765-0	<0.1%	

**Section 4:** \_\_\_\_\_ First Aid Measures

**Description of first aid measure:**

If inhaled:

Move into fresh air. Seek medical attention for any breathing difficulty

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In case of skin contact:

Wash with water and soap, rinse thoroughly. In case of skin irritation, seek medical attention.

In case of eye contact:

Rinse opened eye for several minutes under running water. Seek medical attention if irritation persists.

If swallowed:

Rinse mouth with water. Do not swallow. Seek medical attention

### **Most important information symptoms and effects**

No information available

**Section 5:** \_\_\_\_\_ Firefighting Measures

### **General information**

Not flammable or combustible.

### **Extinguishing media**

Use foam, CO<sub>2</sub> or dry agent for extinction.

### **Special hazards arising from the substance or mixture**

Toxic gases and vapours may be released if involved in a fire.

**Section 6:** \_\_\_\_\_ Accidental release measures

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Personal precautions, protective: Use personal protective equipment equipment and emergency processes

Environmental precautions : None in particular

Methods and material for : Use paper towels to absorb the liquid cleaning and containment

**Section 7:** Handling and Storage

Keep container tightly closed. Store in amber coloured glass or plastic bottles at 2-8 °C. Not compatible with some metal ions, such as iron. Do not use rubber stoppers or caps with rubber rings.

**Section 8:** Exposure Controls/ Personal Protection

Control parameters: None in particular.

Personal protective equipment

Hand protection:	Recommended
Eye protection:	Recommended
Skin and body protection:	Recommended
Respiratory protection:	No specific requirements
Thermal hazards:	No specific requirements

**Section 9:** Physical and Chemical Properties

**Information on basic physical and chemical properties**

a) Physical state at room temperature	Liquid
b) Appearance	Clear to slightly yellow
c) Odour	Odourless
d) pH	Not determined
e) Melting/freezing point	Not determined
f) Boiling point/range	Not determined
g) Flash point	Not determined

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h) Evaporation rate	Not determined
i) Flammability (solid, gas)	Not determined
j) Flammability in air	Not determined
a) Upper flammability limit	Not determined
b) Lower flammability limit	Not determined

k) Vapour pressure	Not determined
l) Vapour density	Not determined
m) Relative density	Not determined
n) Water solubility	Soluble
o) Solubility in other solvents	Not determined
p) Auto-ignition temperature	Not self-igniting
q) Decomposition temperature	Not determined
r) Viscosity, kinematic	Not determined
s) Explosive properties	No information available

**Section 10:** 

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 Stability and Reactivity

Chemical stability:	Stable under recommended use and storage conditions.
Possibility of hazardous reactions:	No known hazardous reactions
Conditions to avoid	Elevated temperature.
Incompatible materials	Not compatible with metal ions such as iron or rubber material.
Hazardous decomposition Products	Decomposition products can include carbon dioxides.

**Section 11:** 

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 Toxicological Information

Toxicity Data:	No toxic effects known
Skin corrosion/irritation:	May cause irritation and redness
Eye damage/irritation:	May cause irritation and redness

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Sensitization to the: May cause irritation  
respiratory tract/skin  
Carcinogenicity: Not determined  
Reproductive toxicity: Not determined

**Section 12:** \_\_\_\_\_ Ecological Information  
No ecological information available

**Section 13:** \_\_\_\_\_ Disposal Considerations

Get informed about all federal, state, and local regulations

**Section 14:** \_\_\_\_\_ Transport Information

Transport hazard classes

- a) ADR: This product does not require a classification for transport.
- b) IATA: This product does not require a classification for transport.
- c) DOT: This product does not require a classification for transport.

**Section 15:** \_\_\_\_\_ Regulatory Information  
No information available

**Section 16:** \_\_\_\_\_ Other Information  
The information provided in this Safety Data Sheet  
is correct to the best of our knowledge.

## IL-6 ELISA

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**Section 1:** Identification of substance and company  
information

**Product identifier**

Product name: IL6 ELISA  
Component: Stop solution (3310-Stop)  
Substance/Mixture: Sulphuric Acid

**Relevant identified uses and uses advised against**

Recommended use: Laboratory chemical for research use only  
Uses advised against: No information available

**Supplier**

MAT Research  
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**Emergency telephone number**

Contact your local emergency number

**Section 2:** Hazard Identification

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**Classification of mixture**

According to Regulation (EC) No 1272/2008 (CLP)

Not hazardous at this concentration.

**Hazard pictogram**

N/A

**Signal word**

N/A

**Precautionary statements**

N/A

**Section 3:**

Composition/ Information on ingredients

Substance/Mixture:

Kathon CG contains a mixture of  
5-chloro-2-methyl-4-isothiazolin-3-one and  
2-Methyl-4-isothiazolin-3-one.

Hazardous components

Substance	CAS-No	EC No.	Conc.	Classification according to Regulation (EC) No 1272/2008 [CLP]
Sulphuric acid	7664-93-9	231-639-5	0.96%	Not dangerous at this concentration

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**Section 4:** \_\_\_\_\_ First Aid Measures

**Description of first aid measure:**

If inhaled:

Move into fresh air. Seek medical attention for any breathing difficulty

In case of skin contact:

Remove contaminated clothing. Wash with water and soap, rinse thoroughly. Seek medical attention if irritation persists.

In case of eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

If swallowed:

Do not induce vomiting. Rinse mouth with water. Consult medical personnel for actions to take.

**Most important information** \_\_\_\_\_ Not determined.

**symptoms and effects**

**Section 5:** \_\_\_\_\_ Firefighting Measures

**General information**

Not flammable or combustible.

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**Extinguishing media**

No known restriction; use any means suitable for nearby fire.

**Special hazards arising from the substance or mixture** None in particular

**Section 6:** \_\_\_\_\_ Accidental release measures

Personal precautions, protective: Use personal protective equipment equipment and emergency processes

Environmental precautions: None in particular

Methods and material for: Absorb on sand or vermiculite and place in cleaning and containment closed containers for waste disposal.

**Section 7:** \_\_\_\_\_ Handling and Storage  
Store this substance in a corrosive resistant container with a resistant inner liner (or in other specified container type); locked up.

**Section 8:** \_\_\_\_\_ Exposure Controls/ Personal Protection

Control parameters: None in particular.

Personal protective equipment  
Hand protection: Recommended  
Eye protection: Recommended  
Skin and body protection: Recommended

Respiratory protection: No specific requirements  
Thermal hazards: No specific requirements

**Section 9:** \_\_\_\_\_ Physical and Chemical Properties

**Information on basic physical and chemical properties**

a) Physical state at room temperature	Liquid
b) Appearance	Clear
c) Odour	Minimal odours
d) pH	Not determined
e) Melting/freezing point	Not determined
f) Boiling point/range	Not determined
g) Flash point	Not determined
h) Evaporation rate	Not determined
i) Flammability (solid, gas)	Not determined
j) Flammability in air	Not determined
a) Upper flammability limit	Not determined
b) Lower flammability limit	Not determined
k) Vapour pressure	Not determined
l) Vapour density	Not determined
m) Relative density	Not determined
n) Water solubility	Soluble
o) Solubility in other solvents	Not determined
p) Auto-ignition temperature	Not self-igniting
q) Decomposition temperature	Not determined
r) Viscosity, kinematic	Not determined
s) Explosive properties	No information available

**Section 10:** \_\_\_\_\_ Stability and Reactivity

Chemical stability  
Stable under recommended use and storage conditions.

Possibility of hazardous reactions  
No known hazardous reactions

Conditions to avoid  
Elevated temperature.

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Incompatible materials No information available.

Hazardous decomposition products Not determined.

**Section 11:** Toxicological Information

Toxicity Data: No toxic effects.  
Skin corrosion/irritation: May cause irritation and redness  
Eye damage/irritation: May cause irritation and redness  
Sensitization to the respiratory tract/skin: May cause irritation  
Carcinogenicity: No information available  
Reproductive toxicity: No information available

**Section 12:** Ecological Information  
No ecological information available

**Section 13:** Disposal Considerations  
Get informed about all federal, state, and local regulations.

**Section 14:** Transport Information

Transport hazard classes

- a) ADR: This product does not require a classification for transport.
- b) IATA: This product does not require a classification for transport.
- c) DOT: This product does not require a classification for transport.

**Section 15:** Regulatory Information  
No information available.

**Section 16:** Other Information  
The information provided in this Safety Data Sheet is correct to the best of our knowledge.